

APPLICANTS: Peled et al.
U.S.S.N.: 10/767,064

In the Specification:

Please replace the paragraph beginning at page 41, line 4 with the following amended paragraph:

Instructions for generation of duplex oligonucleotides capable of mediating RNA interference are provided in the website of Ambion Inc. (Austin TX) www.ambion.com.

Please replace the paragraph spanning pages 45, line 26 and page 46, line 2 with the following amended paragraph:

Examples of construction and amplification of synthetic, engineered DNAzymes recognizing single and double-stranded target cleavage sites have been disclosed in U.S. Pat. No. 6,326,174 to Joyce et al. DNAzymes of similar design directed against the human Urokinase receptor were recently observed to inhibit Urokinase receptor expression, and successfully inhibit colon cancer cell metastasis in vivo (Itoh et al., 20002, Abstract 409, Ann Meeting Am Soc Gen Ther www.asgt.org). In another application, DNAzymes complementary to bcr-abl oncogenes were successful in inhibiting the oncogenes expression in leukemia cells, and lessening relapse rates in autologous bone marrow transplant in cases of CML and ALL.